



#8/a  
Hawkins  
PATENT APPLICATION  
11/5/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Keiji TAKAHASHI et al.

Group Art Unit: 2834

Application No.: 09/891,222

Examiner: P. Cuevas

Filed: June 26, 2001

Docket No.: 111343

For: VOLTAGE REGULATOR OF VEHICLE AC GENERATOR HAVING VARIABLE  
BYPASS CIRCUIT RESISTANCE (AS AMENDED)

AMENDMENT UNDER 37 C.F.R. §1.111

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In reply to the July 31, 2002 Office Action, please amend the above-identified  
application as follows:

IN THE TITLE:

Please replace the title so that it reads as follows:

VOLTAGE REGULATOR OF VEHICLE AC GENERATOR HAVING VARIABLE  
BYPASS CIRCUIT RESISTANCE

IN THE CLAIMS:

Please replace claims 1, 3-5, 8-11 and 13 as follows:

a' 1. (Amended) A voltage regulator of a vehicle AC generator including a field  
circuit having a field coil and a plurality of magnetic poles and an output circuit having an  
armature coil, said voltage regulator comprising:

first means, connected to said armature coil, for detecting a self-excited  
voltage that is induced in said armature coil by a residual magnetic flux of said rotor;